

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below.

1. (Currently amended) A caster wheel assembly for a wheeled device comprising:
 - a housing suitable for connection to a wheeled device;
 - a caster mounting assembly configured to mount a caster wheel for rotation;
 - a caster bolt connected to the caster mounting assembly and inserted into the housing for rotation within the housing; and
 - a substantially flat damping insert having major faces oriented substantially vertically and applying a biasing force between the caster bolt and the housing to dampen the rotation of the caster bolt with respect to the housing, wherein the dampening insert is in contact with the caster bolt and the housing.
2. (Original) The caster wheel assembly of claim 1 including upper and lower bearings and a cylindrical spacer positioned between the bearings, and wherein the biasing force between the caster bolt and the housing consists of applying the biasing force between the spacer and the housing.
3. (Original) The caster wheel assembly of claim 2 in which the damping insert is one or more discs positioned between the spacer and the housing.
4. (Original) The caster wheel assembly of claim 1 in which the damping insert is a circular disc.
5. (Original) The caster wheel assembly of claim 1 in which the damping insert is comprised of a polymeric material.

6. (Currently amended) ~~The caster wheel assembly of claim 1~~ A caster wheel assembly for a wheeled device comprising:
a housing suitable for connection to a wheeled device;
a caster mounting assembly configured to mount a caster wheel for rotation;
a caster bolt connected to the caster mounting assembly and inserted into the housing for rotation within the housing; and
a substantially flat damping insert having major faces oriented substantially vertically and applying a biasing force between the caster bolt and the housing to dampen the rotation of the caster bolt with respect to the housing, in which the damping insert has a first stiffness along a first axis and a second, different stiffness along a second axis that is perpendicular to the first axis, thereby enabling the damping insert to be inserted into the caster wheel assembly in either of two orientations, with the first orientation providing a first damping result and the second orientation providing a different damping result.

7. (Original) The caster wheel assembly of claim 1 in which the damping insert is rectangular.

8. (Original) The caster wheel assembly of claim 1 in which the damping insert is readily removable and replaceable.

9. (Original) The caster wheel assembly of claim 1 in which the caster mounting assembly is a caster fork.

10. (Currently amended) A wheelchair having a frame, at least two drive wheels, and at least two caster wheels, each caster wheel being supported by a caster wheel assembly comprising:

a housing suitable for connection to the wheelchair;

a caster mounting assembly configured to mount a caster wheel for rotation;
a caster bolt connected to the caster mounting assembly and inserted into the housing for rotation within the housing; and
a substantially flat damping insert having major faces oriented substantially vertically and applying a biasing force between the caster bolt and the housing to dampen the rotation of the caster bolt with respect to the housing, wherein the damping insert is in contact with the caster bolt and the housing.

11. (Original) The wheelchair of claim 10 wherein the caster wheel assembly includes upper and lower bearings and a cylindrical spacer positioned between the bearings, and wherein the biasing force between the caster bolt and the housing consists of applying the biasing force between the spacer and the housing.

12. (Original) The wheelchair of claim 10 in which the damping insert is one or more discs positioned between the spacer and the housing.

13. (Original) The wheelchair of claim 10 in which the damping insert is a circular disc.

14. (Original) The wheelchair of claim 10 in which the damping insert is comprised of a polymeric material.

15. (Currently amended) ~~The wheelchair of claim 10~~ A wheelchair having a frame, at least two drive wheels, and at least two caster wheels, each caster wheel being supported by a caster wheel assembly comprising:
a housing suitable for connection to the wheelchair;
a caster mounting assembly configured to mount a caster wheel for rotation;

a caster bolt connected to the caster mounting assembly and inserted in to the housing for rotation within the housing; and
a substantially flat damping insert having major faces oriented substantially vertically and applying a biasing force between the caster bolt and the housing to dampen the rotation of the caster bolt with respect to the housing, in which the damping insert has a first stiffness along a first axis and a second, different stiffness along a second axis that is perpendicular to the first axis, thereby enabling the damping insert to be inserted into the caster wheel assembly in either of two orientations, with the first orientation providing a first damping result and the second orientation providing a different damping result.

16. (Original) The wheelchair of claim 10 in which the damping insert is rectangular.

17. (Original) The wheelchair of claim 10 in which the damping insert is readily removable and replaceable.

18. (Original) The wheelchair of claim 10 in which the caster mounting assembly is a caster fork.

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